

**BID SCHEDULE**  
**AUTOMATED METERING INFRASTRUCTURE PROJECT**  
**RED RIVER AUTHORITY OF TEXAS**

Red River Authority of Texas (Authority) is accepting Total Cost Bids for provision and installation of five hundred and fifty (550) auto-read water meters and registers, radio transmitters, along with computer, receiver, software and programming for data compatibility with INCODE Central billing software. Sealed bids must be received by February 24, 2020 by 4:00 pm. Deviations from requirements should be notated in attachments to the bid. The Bidder agrees this bid shall be good and may not be withdrawn for a period of 90 days after close of bid. The meters, computer, peripheral equipment, and labor shall meet the following minimum requirements.

<b><u>ITEM</u></b>	<b><u>MINIMUM REQUIREMENTS</u></b>	<b><u>ITEM PRICE (TOTAL)</u></b>
Water Meter:	For 550 water meters: 3/4" (5/8"X 3/4") composite water meter TRPL USG or equivalent Meter warranted for 20 years per AWWA meter accuracy standards, battery and components for 20 years.	_____
Meter Radio Transmitter:	Radio read MXU. 550 units. Minimum 2 Watt transmitter, warranted battery for 20 years. Radio transmission frequency to manufacturer dedicated.	_____
Meter installation:	For 550 water meters: Record old meter reading, Remove old meter, install new meter, modify lid, install radio receiver, record new meter reading, add readings to database system. Geo-locate meter and record to database, set up new meter on mapping system and INCODE account. A minimum of 10 old meters shall be tested to determine meter accuracy.	_____
Mobile Receiver:	Vehicle-based radio receiver installed to a space Not more than 20" x Width 12" x Height 6" Power: 12-volt DC adapter with battery backup 7 watts Frequency range of 900 – 950 MHz Receiver sensitivity, -119 dBm Non-volatile memory) Compatibility with FlexNet communication network drive-by Technology or equivalent	_____
Computer:	Rugged Laptop, Windows 10 compatible HD Graphics, 17" minimum diagonal screen	_____

Software: Software to receive, map, and record radio reads \_\_\_\_\_  
or equivalent: AutoVu 3.0 or higher (receiver);  
One State mapping software; NovusCenter  
Work Order Management Software, or equivalent

INCODE Integration: NovusCenter Work Order Management \_\_\_\_\_  
equivalent software setup to integrate reads with  
INCODE Central software owned and in use by  
the Authority. Integration includes data transfer,  
database field verification, user training for  
employees, and one year of technical support.

**TOTAL COST BID:** \_\_\_\_\_

Units offered under this advertisement shall be new, standard production models of the latest design in current population and equipped as required by the State of Texas and Federal laws for water supply delivery and safety. Bidders shall supply operator manuals for all components and peripherals. The bidder shall note any variation from the specifications of this bid. Prices quoted shall include all transportation charges to and from job site for installations across north Texas. Workmanship installation shall include a 12 month full warranty outside of any manufacturer's warranty for all meters, components, or peripherals, and all components to be delivered with a manufacturer's statement of origin. Meters shall be available within one month of notice to proceed at a rate determined by the work schedule, but not less than 200 meters per month. Installation schedule to be determined, but meters shall be installed at a minimum of ten (10) per day, during a normal 5-day work week, 8am to 5pm, Monday through Friday, excluding Red River Authority of Texas holidays. All removed old meters shall be cataloged and returned to the Authority in the physical and functional condition when removed from the meter box.

Upon written notice of acceptance of this bid, Bidder will execute a formal contract, payment and performance bonds, and certificate of insurance, as required by the contract. All installations and materials shall meet federal and state regulations, and shall meet AWWA standards.

The Authority reserves the right to reject any bid, and to waive objections based upon failure to comply with formalities, and to allow correction of obvious or patent errors.

Contact information: Fabian Heaney  
(940) 723-8697  
P.O. Box 240  
Wichita Falls, Texas 76307

Bidder's Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Total Cost Bid: \_\_\_\_\_